

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2018-07  
Barren | KY 90 | 3-8819

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

## **I. PROJECT DESCRIPTION**

County - Barren  
Route - KY 90  
Item No. - 03-8819.00  
Project Description - Major Widening from Sanders Street in Cave City to US 68 (Glasgow Outer Loop) in Glasgow

## **II. PROJECT INFORMATION**

Project Manager - Jim Hudson, P.E.  
User Division - Highway Design  
Approximate Fee - \$325,000 Preliminary Engineering and Environmental (Lump Sum)  
Project Funding - Federal Funds (STP)  
Project Length - Approximately 8.4 miles

## **III. PURPOSE AND NEED**

KY 90 is classified as a rural Minor Arterial and carries significant traffic volumes between Glasgow and I-65 at Cave City. The traffic volumes are projected to increase such that, by the year 2040, KY 90 is expected to operate at LOS E in Cave City and a LOS D south of Cave City. Between 1-1-2011 and 12-31-2015 there were 204 crashes reported (3 fatal, 47 injury, and 154 property damage only collisions).

The purpose of the KY 90 improvement project is to enhance regional mobility and to provide a safer, more efficient connection between Glasgow and I-65 in Cave City.

## **IV. DBE REQUIREMENT**

Consultants should include a DBE Participation Plan with their Response to Announcement. An additional page will be allowed with the Project Approach (page 7) in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the Evaluation Factors for the DBE Participation Plan.

## **V. SCOPE OF WORK**

The selected Consultant will be required to provide engineering services to perform Preliminary Engineering and Environmental Services. Preliminary Engineering includes line and grade plans, traffic engineering analysis as per Design Memo 03-11, preliminary drainage, and cost estimates.

The selected Consultant may be required to provide Final Roadway Design, which may be added to the contract agreement by a Contract Modification when Preliminary Engineering is complete. Final Roadway Design includes, at a minimum, preparation of drainage design, right-of-way plans, construction plans including storm water construction and post construction Best Management Practices (BMP), signing and pavement marking plans, traffic control plans, final cost estimates, and an anticipated construction schedule.

## **VI. SPECIAL INSTRUCTIONS**

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/ProfessionalServices/Pages/Respond-to-an-Announcement.aspx>

## **VII. AVAILABLE STUDIES**

[KY 90 Scoping Study | Barren County, Item No. 3-8819](#)

## **VIII. METHOD OF DESIGN**

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

## **IX. ENVIRONMENTAL**

Any necessary Environmental Services will be provided by the selected Consultant. It is anticipated that the Environmental Document will consist of a Categorical Exclusion Level 2.

## **X. PHOTOGRAMMETRIC SERVICES**

The Department will be responsible for obtaining the aerial photography and will furnish manuscripts on computer disks in DGN format. The selected consultant will be required to collect additional information by conventional survey methods, if needed.

## **XI. STRUCTURE DESIGN**

When the project advances to Phase II Design, and if the selected Consultant is retained for Phase II Design, they shall do the necessary engineering service to submit to the KYTC an Advance Situation Folder(s) for the appropriate applicable structure(s). Structure Design Services may be added by Contract Modification. Prequalification in the area of Structure Design is required to be identified in the Consultant's Response to Announcement.

## **XII. GEOTECHNICAL SERVICES**

The Department will provide all Geotechnical Services required for the project.

## **XIII. TRAFFIC**

The Traffic projections and related information will be provided by the Department.

## **XIV. UTILITIES**

The Department will provide a preliminary utility contact list, will provide all utility cost estimates, as well as coordinate the utility plans and relocation. The selected consultant shall be responsible for verifying utilities involved, performing a level B locate, and including the location, size, and type of utility on the plans.

## **XV. PREQUALIFICATION REQUIREMENTS**

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

### ROADWAY DESIGN

- Rural Roadway Design
- Surveying

### STRUCTURE DESIGN

- Spans under 500 feet

### ENVIRONMENTAL AQUATIC AND TERRESTRIAL ECOSYSTEMS

- Fisheries
- Macroinvertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

### ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis
- Socioeconomic Analysis
- Cultural Historic Analysis
- EIS Writing and Coordination

### ENVIRONMENTAL AND UST SERVICES

- Hazmat Preliminary Site Assessment (Phase I)
- UST Preliminary Site Assessment

### TRAFFIC ENGINEERING

- Traffic Engineering Services

## **XVI. PROCUREMENT SCHEDULE**

Dates other than Response Date are tentative and provided for information only.

- Bulletin Posted - January 9, 2018
- Response Date - January 31, 2018 by 4:30 PM ET (Frankfort Time)
- First Selection - February 5, 2018
- Final Selection - February 21, 2018
- Pre-Design Conference - February 28, 2018
- Fee Proposal - March 9, 2018
- Contract Negotiations - March 21, 2018
- Notice to Proceed - April 19, 2018

## **XVII. PROJECT SCHEDULE**

- Conceptual Alternatives Meeting – November 1, 2018
- Public Meeting – December 15, 2018
- Preliminary Line & Grade Inspection – February 1, 2019

## **XVIII. EVALUATION FACTORS**

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Capacity to comply with project schedule. (10 Points)
5. DBE Participation Plan. (4 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

## **XIX. SELECTION COMMITTEE MEMBERS**

1. Jim Hudson, P.E., User Division
2. Wendy Southworth, P.E., User Division
3. Brent Sweger, P.E., Secretary's Pool
4. Andrew Stewart, P.E., Secretary's Pool
5. Mark Day, P.E., Governor's Pool

**XX. AREA MAP**

